

Atty. Dkt. No. 02CR340/KE

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A passive matrix organic light emitting diode display system comprising:

a plurality of pixels disposed on a single substrate configured for emitting light when energized by one of a plurality of row electrodes and one of a plurality of column electrodes;

a plurality of column drivers configured for energizing the plurality of column electrodes;

a plurality of row drivers configured for energizing the plurality of row electrodes; wherein at least two of the plurality of row drivers are configured to simultaneously energize at least two of the plurality of row of electrodes, wherein the two row drivers include a first row driver and a second row driver, wherein the column driver includes a first set of column drivers and a second set of column drivers, wherein the first set of column drivers do not energize pixels energized by the second row driver and energize pixels energized by the first row driver.

2. (Original) The display system of Claim 1 wherein at least three of the plurality of row drivers are configured to simultaneously energize at least three of the plurality of row electrodes.

3. (Original) The display system of Claim 1 wherein at least two of the plurality of row drives are configured to be activated at the same time.

4. (Original) The display system of Claim 1 wherein at least two of the plurality of row drivers are active per duty cycle of the display system.

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5. (Original) The display system of Claim 1 wherein at least two of the plurality of row drivers are multiplexed.

6. (Original) The display system of Claim 3 wherein the at least two row drivers are on the same side of the display.

7. (Original) The display system of Claim 6 wherein each of the plurality of pixels include at least four of the plurality of column electrodes.

8. (Original) The display system of Claim 7 wherein each of the plurality of pixels include at least eight of the plurality of column electrodes.

9. (Original) The display system of Claim 8 wherein each of the plurality of column electrodes are in electrical contact with only one of the plurality of pixels.

10. (Currently Amended) A method of displaying information on a passive matrix organic light emitting diode display system comprising, comprising a first column driver having a first column electrode, a second column driver having a second column electrode, a first row driver having a first row electrode, a second row driver having a second row electrode, ~~and a first pixel and a second pixel, the first and second pixel being disposed on a single substrate,~~ the method comprising:

energizing the first column driver thereby energizing the first column electrode and energizing the second column driver thereby energizing the second column electrode;

energizing the first row driver thereby energizing the first row electrode and energizing the second row driver thereby energizing the second row electrode; to subsequently energizing energize the first pixel at the intersection of the first row electrode and the first column electrode and energizing to energize the second pixel at the intersection of the second row electrode and the second column electrode, wherein the second column electrode is electrically isolated from the first pixel and is electrically coupled to the second pixel;

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wherein the first row driver is energized simultaneously with the second row driver.

11. (Original) The method of Claim 10 wherein energizing the first row driver and the second row driver comprises energizing the first row driver and the second row driver on the same side of the display system.

12. (Currently Amended) The method of Claim 11 wherein energizing the first column driver and the second column driver comprises energizing the first column driver and the second column driver on the same ~~size~~ side of the display system.

13. (Currently Amended) A passive matrix organic light emitting diode display system comprising:

means for emitting light;

a plurality of row electrodes and a plurality of column electrodes;

means for energizing the plurality of column electrodes;

first means for energizing a first row electrode of the plurality of row electrodes;

second means for energizing a second row electrode of the plurality of row electrodes;

wherein the first means for energizing the first row electrode and the second means for energizing the second row electrode are configured to simultaneously energize the first row electrode and the second row electrode, wherein pixels associated with the first row electrode do not share the column electrodes with pixels associated with the second row electrode.

14. (Original) The display system of Claim 13 wherein the means for emitting light comprises a plurality of pixels.

15. (Original) The display system of Claim 14 wherein the means for energizing the plurality of column electrodes comprises a column driver.

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16. (Original) The display system of Claim 15 wherein the first means for energizing the first row electrode comprises a first column driver.

17. (Original) The display system of Claim 16 wherein the second means for energizing the second row electrode comprises a second column driver.

18. (Original) The display system of Claim 17 wherein the first row drive and the second row driver are active during the same cycle of the display system.

19. (Original) The display system of Claim 18 wherein the first row driver and the second row driver are on the same side of the display.

20. (Original) The display system of Claim 19 wherein each of the plurality of pixels include at least four of the plurality of column electrodes.

21. (Original) The display system of Claim 20 wherein each of the plurality of pixels include at least eight of the plurality of column electrodes.